

MEM (Glucose free), with NEAA, L-alanyl-L-glutamine

Cat. No: PM150447

Size: 500mL

General Information

Product Form	Liquid
Concentration	1×
pH	7.2-7.4
D-Glucose	Negative
HEPES	Negative
L-Alanyl-L-Glutamine	2mM
NaHCO₃	2200mg/L
Phenol red	10mg/L
NEAA	Positive
Earle's Balanced Salt	Positive
Storage	2-8°C ,Shading Light
Shipping	RT
Expiration date	24 months

Background

MEM medium (Minimum Essential Medium) was developed on the basis of Eagle basic medium. It is one of the most basic and widely used culture medium, and one of the most commonly used culture medium in animal cell culture. MEM medium contains 12 kinds of essential amino acids, glutamine and 8 vitamins, which is simple, mainly used in the culture of adherent cells.

MEM (contain NEAA) medium is added L-alanine, L-glutamic acid, L-asparagine, L-aspartic acid, L-proline, L-serine and glycine on the basis of MEM medium. These 7 kinds of NEAA, can reduce the side effects of producing non-essential amino acids during cell culture and promote cell proliferation and metabolism.

MEM medium without glucose can be added to the concentration of glucose at will according to the research needs, which is convenient and quick.

Notes

1. This product is for research use only.;
2. This product is sterilized by 0.1μm filtration.;
3. It is necessary to pay attention to the aseptic operation and avoid the contamination during the culture.